Project Manager Constructive Simulation (PM CS)
Intelligence Electronic Warfare Tactical Proficiency Trainer (IEWTPT)

Project Manager CS

COL Kevin M. Dietrick

Project Director IEWTPT

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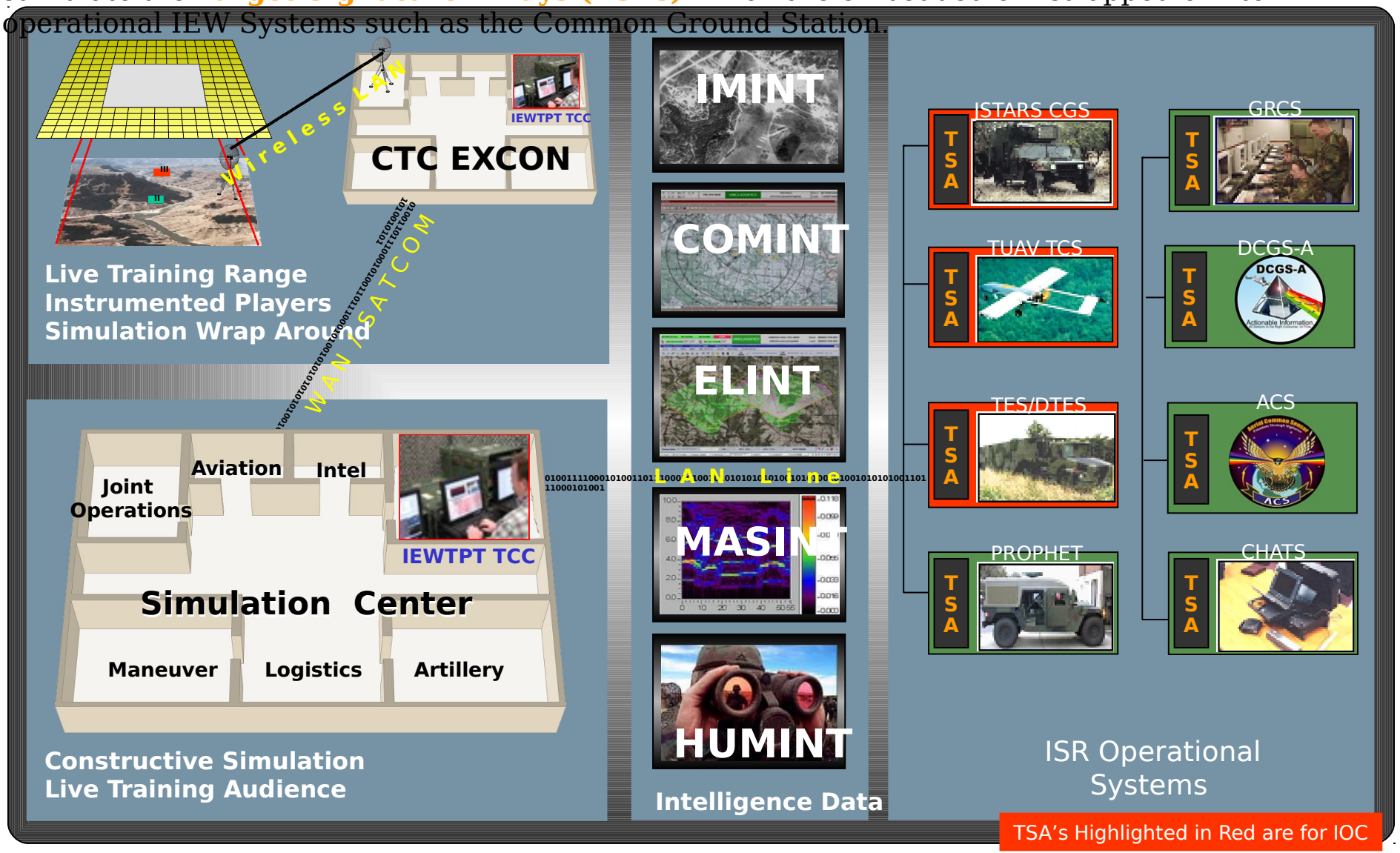
Mission

IEWTPT is to provide the capability to train commanders, and battlestaffs, on how to focus intelligence assets on providing the information the commander deems most important. Train the intelligence units, and intelligence soldiers on the ability to understand the commander's needs and how to use the collectors and processors to provide the commander with the information he desires. This is conducted through the full spectrum of digital training with the same systems used at the institution, home station, CTCs, and deployed locations.*

* Per ORD dated 22 Sept 04

System Overview

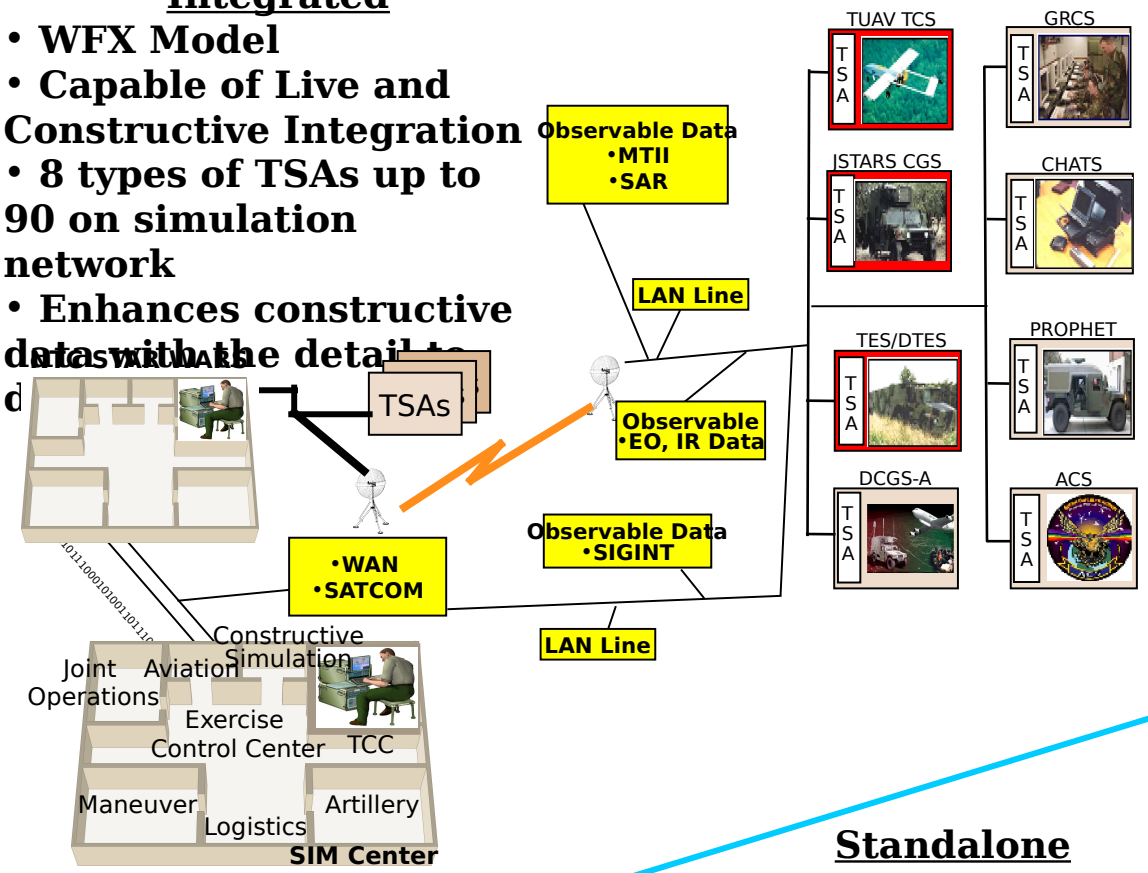
The **IEWTPT Technical Control Cell (TCC)** interfaces the Constructive Simulation (simulated players) and Instrumentation System (live players); and Enhances data from the players to stimulate the **Target Signature Arrays (TSAs)** which are embedded or “strapped on” to operational IEW Systems such as the Common Ground Station.



Training Modes

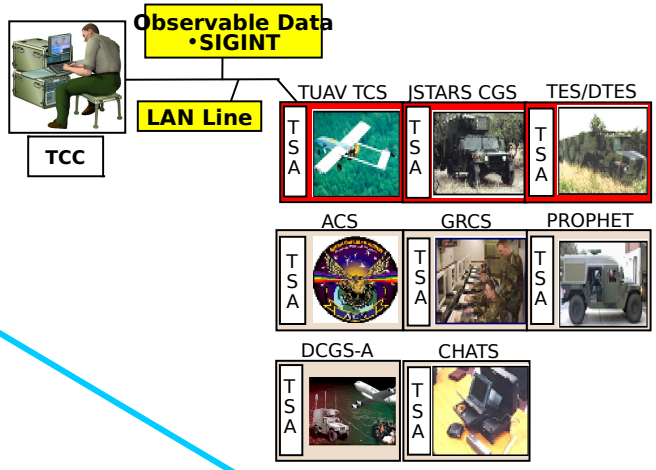
Integrated

- WFX Model
- Capable of Live and Constructive Integration
- 8 types of TSAs up to 90 on simulation network
- Enhances constructive data with the detail to d



Playback

- Intel specific training
- TCC Records simulation scenario for playback
- Sufficient data to re-task ISR assets, maneuver scenario can't change
- Train ISR operators and MI battlestaff



Standalone

- Intel operator specific training
- TSA Records data for a

TSA Highlighted in Red are for IOC

Partners by PEO

- **TSA PEO/PMs**

  PEO Intelligence, Electronic Warfare and Sensors (IEW&S)

  PM Distributed Common Ground System–Army (DCGS-A)/PM Common Ground Station and Data Links (CGS/DL)
  PM Aerial Common Sensor (ACS)
  APM GUARDRAIL/Common Sensor (GR/CS)
  PM Counterintelligence/Human Intelligence Management Systems (CHIMS)
  PM Prophet

  PEO Air, Space & Missile Defense (ASMD)

  PM TENCAP – Army Space Program Office (ASPO)

  PEO Aviation

  PM Unmanned Aerial Vehicle System (UAVS)

- **PEO Simulation, Training and Instrumentation (PEO STRI)/PMs**

  PM Constructive Simulation (PM CS) – (ACTF/WARSIM)
  PM Training Devices (PM Trade) – (CTC-OIS/CTIA)
  PM Future Force (Simulation) (PM FF(S)) – (C4I Adapter/Software Bloc
  PM Field Operations & Support (PM Field OPS)

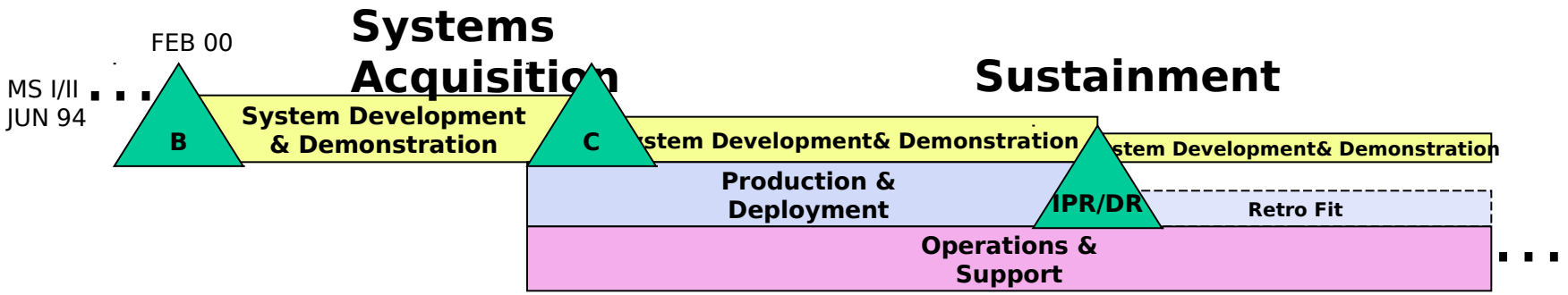
Acquisition Strategy

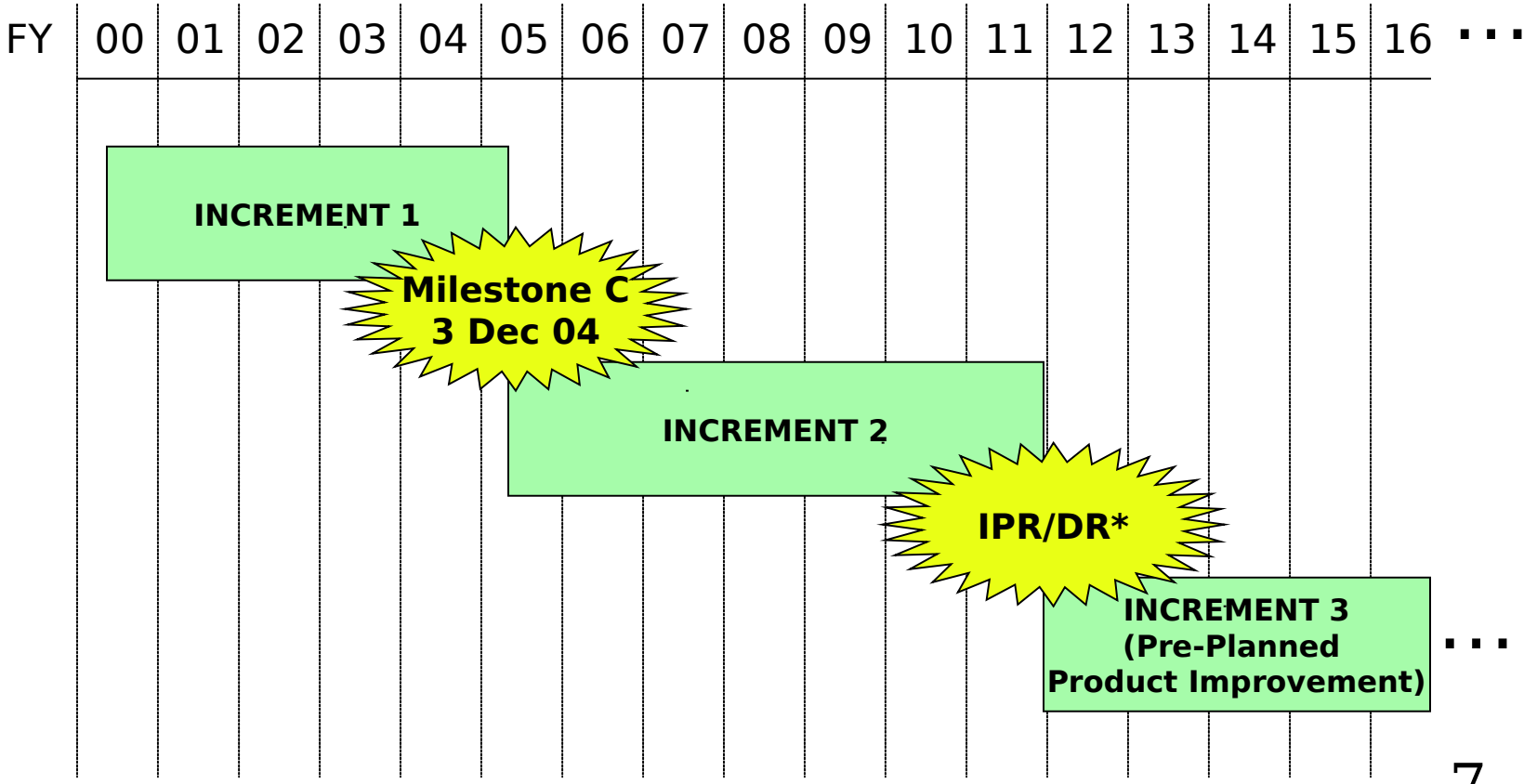
- Utilizing an integrated team approach
  - IPT Process/Integrated Product & Process Development Framework

- Evolutionary acquisition approach
  - Contract adapted to efficiently support evolutionary approach
  - Applying total Life Cycle Management
  - Iterative development spirals
  - Manage IEWTPT as a system of systems
  - PM CS and Proponent co-chair CCB

- "Unique" - Program funding comes from both non-system training device Training Mission Area (TMA) and from tactical system project managers.
  - TMA funds for TCCs and connectivity to constructive simulations and TSAs
  - System PMs are responsible for funding procurement and support of TSAs

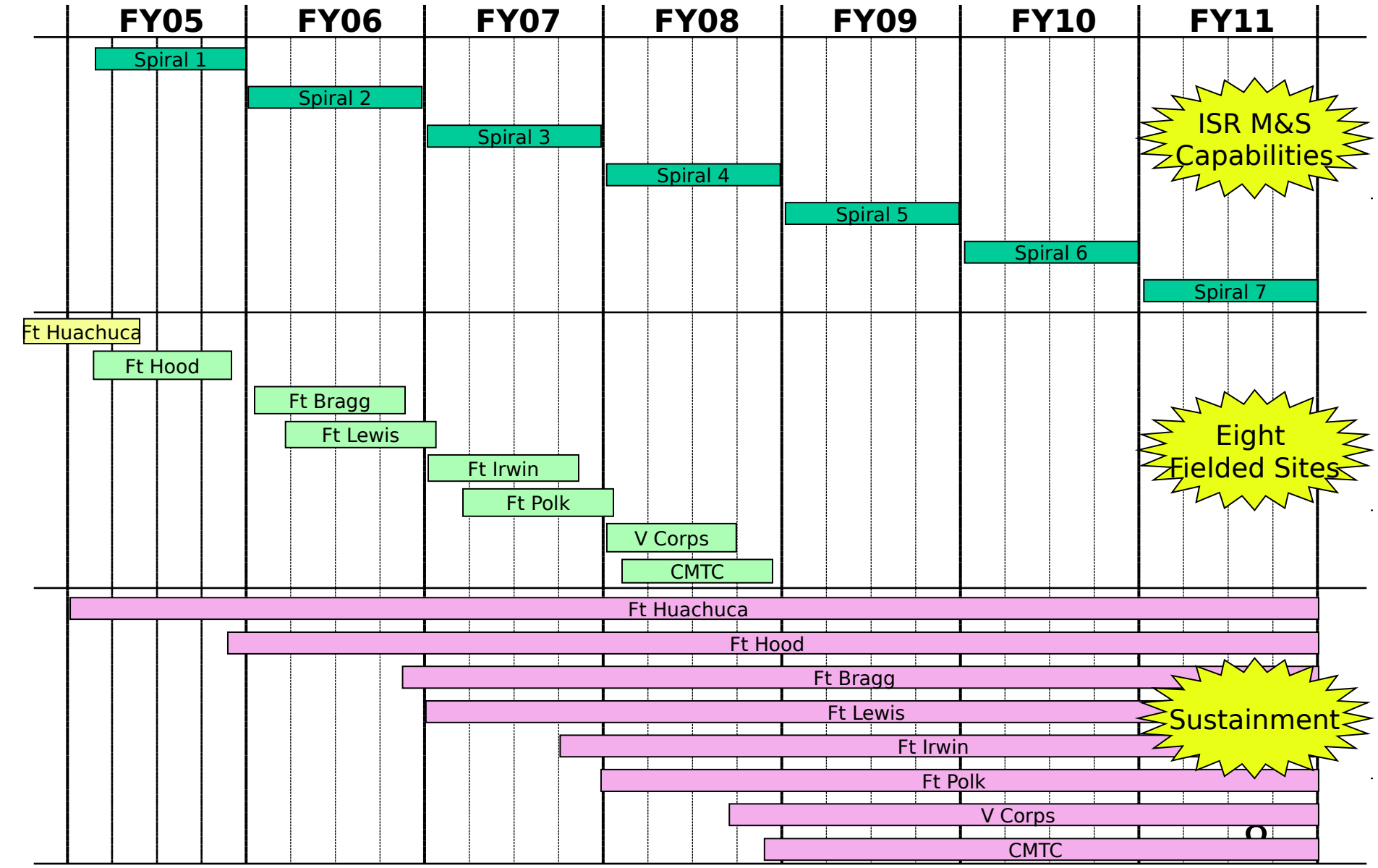
Evolutionary Acquisition Schedule





* IPR/DR – In Process Review/Decision Review

Increment 2 Schedule



Production and Deployment Phase Decision for IEWTPT

System of Systems

CBS | **TACSIM**

Interface

TCC Enclave

Constructive Simulations

Interface

TSAs

JSTARS CGS

TUAV TCS

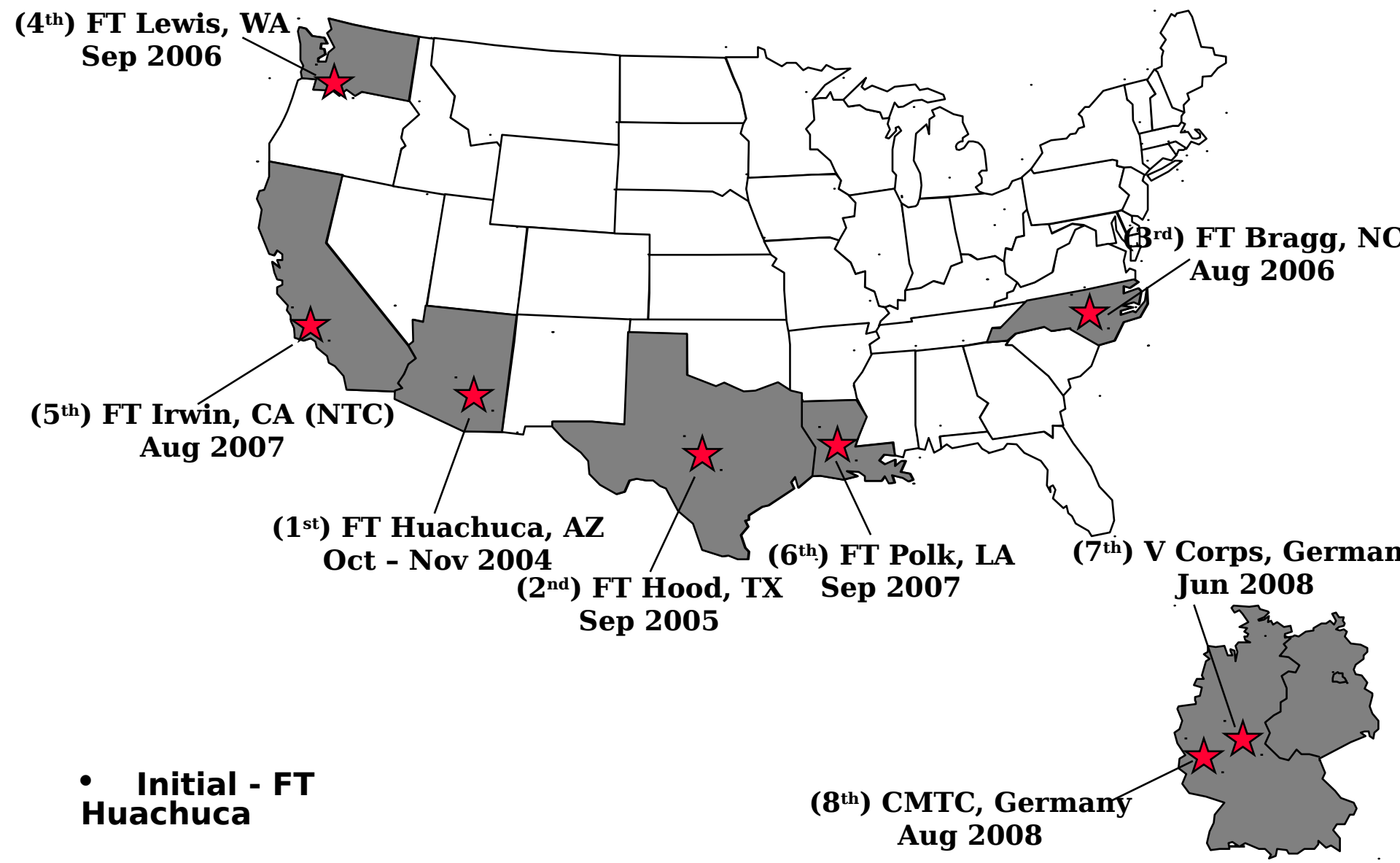
TES/DTES

MS C Decision

Interface

JCATS | **TACSIM**

Fielding Locations



- Initial - FT Huachuca

Technical Support Specialists & Systems Engineers/Maintainers

Site	Enclaves/ Wireless LAN	Field	FY04	FY05	FY06	FY07	FY08	FY09
USAIC&FH Ft Huachuca	L/U	1Q05	2 Technical Support Specialists	2 Maintainers				
III Corps Ft Hood	L/U	4Q05*	2 Technical Support Specialists	2 Maintainers				
XVIII ABC Ft Bragg	L/U	3Q06*		2 Technical Support Specialists	2 Maintainers			
I Corps Ft Lewis	L/U	4Q06*		2 Technical Support Specialists	2 Maintainers			
NTC Ft Irwin 24 Hour Ops (3-8hr shifts)	L/WL	4Q07*			3 Technical Support Specialists	3 Maintainers		
JRTC Ft Polk 24 Hour Ops (3-8hr shifts)	L/WL	4Q07 *			3 Technical Support Specialists	3 Maintainers		
V Corps	L/U	3Q08*				2 Technical Support Specialists	2 Maintainers	
CMTC Hohenfels, FRG 24 Hour Ops (3-8hr shifts)	L	4Q08*				3 Technical Support Specialists	3 Maintainers	

Assumptions:

1 enclave/site/8 hour shift

1 technical support specialist/maintainer/enclave

L - Lower Enclave U - Upper Enclave WL – Wireless LAN * - Funding Dependent

Questions